

Ideation Phase

Define the Problem Statements

Date	16 June 2025
Team ID	LTVIP2025TMID34492
Project Name	HematoVision : Advanced Blood Cell Classification Using Transfer Learning
Maximum Marks	2 Marks

Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

I am Medical professionals diagnosing patients.	I'm trying to Classify blood cells accurately and fast.	But Manual classification is slow, error-prone, subjective.	because High volume, complex cells, manual limits.	which makes me feel Stressed, frustrated, worried about misdiagnosis.
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Reference: <https://miro.com/templates/customer-problem-statement/>

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A Pathologist or Lab Technician	Accurately classify blood cells to diagnose hematological conditions.	Manual checks can miss subtle issues and lead to errors.	Humans can misdiagnose due to tiredness or lack of experience.	Concerned about potential misdiagnosis and less confident in high-volume analysis.
PS-2	A Lab Manager or Senior Lab Technician.	Efficiently process a large daily volume of blood samples and reduce turnaround time.	Manual classification takes a lot of time and effort.	Each sample needs manual checking and data entry, causing delays and high costs.	Overwhelmed, frustrated by operational inefficiencies, and facing staff burnout due to heavy workload.